

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/001911

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B20/12 G11B7/007

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 137 003 A (SONY CORP) 26 September 2001 (2001-09-26) abstract paragraphs '0001! - '0005! paragraphs '0035! - '0039! paragraphs '0057! - '0065! paragraphs '0077! - '0082! figures 4-6,9	1-9
X	EP 1 017 054 A (SANYO ELECTRIC CO) 5 July 2000 (2000-07-05) abstract paragraphs '0001! - '0004! paragraphs '0040! - '0052! paragraphs '0127! - '0132! figure 4	1-9
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

5 November 2004

Date of mailing of the international search report

15/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sucher, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/001911

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 959 462 A (PIONEER ELECTRONIC CORP) 24 November 1999 (1999-11-24) abstract paragraphs '0002! - '0006! paragraphs '0036! - '0061! figure 3	1-9
X	----- PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03, 31 March 1999 (1999-03-31) -& JP 10 340538 A (MATSUSHITA ELECTRIC IND CO LTD), 22 December 1998 (1998-12-22) abstract	1-9
X	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 123494 A (KENWOOD CORP), 28 April 2000 (2000-04-28) abstract	1-9
A	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03, 31 March 1997 (1997-03-31) -& JP 08 307896 A (SONY CORP), 22 November 1996 (1996-11-22) abstract	1-9
A	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) -& JP 08 329614 A (SANYO ELECTRIC CO LTD), 13 December 1996 (1996-12-13) abstract	1-9
A	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03, 31 March 1997 (1997-03-31) -& JP 08 307814 A (SONY CORP), 22 November 1996 (1996-11-22) abstract -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2004/001911

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1137003	A	26-09-2001	EP 1137003 A1 CN 1327592 T WO 0113376 A1	26-09-2001 19-12-2001 22-02-2001
EP 1017054	A	05-07-2000	AU 7935198 A EP 1017054 A1 WO 9901868 A1	25-01-1999 05-07-2000 14-01-1999
EP 0959462	A	24-11-1999	JP 11339398 A EP 0959462 A2	10-12-1999 24-11-1999
JP 10340538	A	22-12-1998	NONE	
JP 2000123494	A	28-04-2000	NONE	
JP 08307896	A	22-11-1996	NONE	
JP 08329614	A	13-12-1996	NONE	
JP 08307814	A	22-11-1996	NONE	